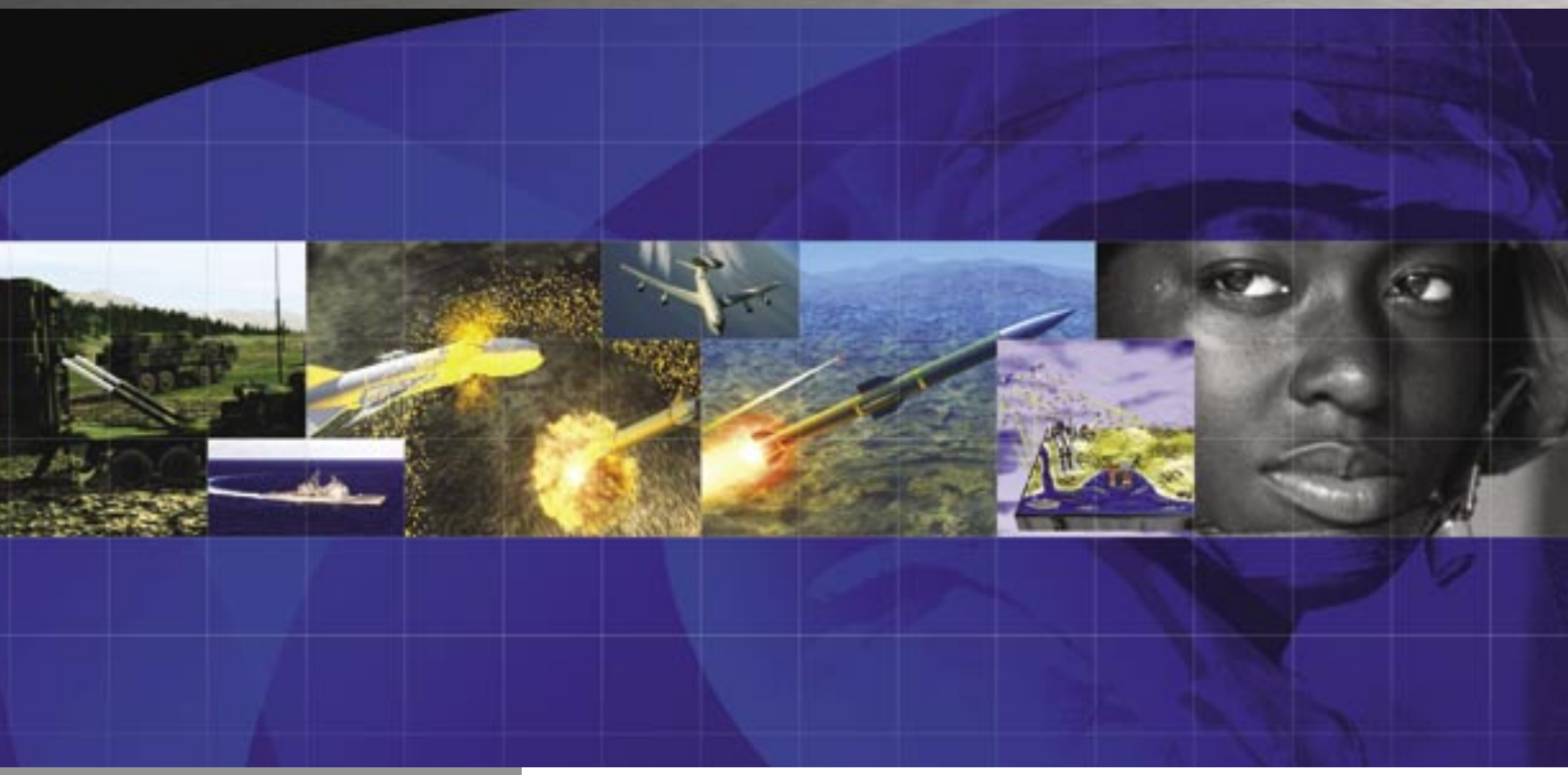
OTII

Office of Technical
Integration & Interoperability



Summary

- USASMDC's focal point for Space and Integrated Air and Missile Defense (IAMD) technical integration and interoperability
- USASMDC's integrator for both Army and Joint Future Force programs and activities
- Missile Defense Agency's Executing Agent for the Extended Air Defense Testbed
- Focuses technology development and exploits existing technologies and concepts to enhance and advance our current and future forces Space and IAMD warfighting capabilities

Integrates technical and operational requirements with materiel developers, improves interoperability for our Joint and Coalition Warfighters, and advances Space and Integrated Air and Missile Defense.

The Office of Technical Integration and Interoperability (OTII) is a Major Subordinate Element of the U.S. Army Space and Missile Defense Command. This office serves as the Army's focal point for the technical integration and interoperability for Space and Integrated Air and Missile Defense (IAMD). The broad charter of OTII is to integrate technical and operational requirements with materiel developers, improve interoperability for our Joint and Coalition Warfighters, and advance Space and IAMD.

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SMDC
United States Army
Space and Missile Defense Command

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Development of an interoperable operational battlespace picture is a joint service initiative to evolve one single picture of the battlespace that allows warfighters to view both friendly and enemy force locations and enable joint fires operational planning, coordination, and execution. It will project combined data from a variety of sensors for Space and IAMD missions and increase the effectiveness of the family of systems (FoS) by expanding the battlespace, enhancing combat identification, promoting missile conservation, allowing for continuous tracking and remote target engagements, and minimizing collateral damage and fratricide. The interoperable operational battlespace picture will enhance our forces' ability to execute battle management, fire support, counter-fire, logistics, and intelligence across all levels of command.

OTII is tasked with the coordination and synchronization of the Army's interoperability requirements in support of the development of the joint battlespace picture. OTII is the support and subject matter expert for the Army in support of the Department of Defense joint network-centric battlespace warfighting initiatives such as the Single Integrated Air Picture (SIAP) the Single Integrated Ground Picture (SIGP), and the Family of Interoperable Operating Pictures (FIOP).

OTII is also the Missile Defense Agency's Executing Agent for the Extended Air Defense Testbed (EADTB) model and simulation analytical tool. EADTB provides in-depth engagement level FoS interoperability analysis and detailed representations of weapon system sensors in support of our Nation's Ballistic Missile Defense System. OTII is responsible for customer requirements development and the management, operations, maintenance, and support for EADTB participation in Joint Battle Management Command, Control, Communications, Computers, Intelligence, Surveillance, and Reconnaissance wargaming, exercises, and training.

OTII focuses technology development and exploits existing technologies and concepts to enhance and advance our current and future forces Space and IAMD warfighting capabilities. An example of this exploitation is the Low Cost Interceptor initiative which is integrating existing and near-term hardware into a low cost, long range and adjunct cruise missile defense capability.

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